

**FORM PTO-1449**

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**



**ATTY. DOCKET NO.      SERIAL NO.**

|IAF-14

07/835964

**APPLICANT**

Coates et al

**FILING DATE**

February 20, 1992

GROUP

1202

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	EP 0 212 409 B1	3/4/87	Europe	317	36		
	EP 0 302 760	6/6/88	Europe	31	70		
	EP 0 337 713 A2	10/18/89	Europe	473	32		
	EP 0 349 242 A2	1/3/90	Europe	473	00		
	EP 0 363 582 A1	4/18/90	Europe	473	06		
	EP 0 382 526 A2	2/8/89	Europe	473	00		
	EP 0 421 777 A1	4/10/91	Europe	473	067		
	GB 2 063 257 A	6/3/81	Great Britain	239	54		

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

Baba et al., "Both 2',3'-Dideoxythymidine and its 2',3'-Unsaturated Derivative (2',3'-Dideoxythymidinene) are Potent and Selective Inhibitors of Human Immunodeficiency Virus Replication in vitro", Biochemical and Biophysical Research Communications, 142(1) pp. 128-134 (1987) ("Baba").

**EXAMINER**

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						YES	NO
	GB 2 230 266 A	10/17/90	Great Britain	19	04		
	WO 89/04662	6/1/89	PCT	19	66		
	WO 90/12023	10/18/90	PCT	19	16		
	WO 91/00282	1/10/91	PCT	19	00		
	WO 91/01326	2/7/91	PCT	19	073		
	WO 91/11186	8/8/91	PCT	31	505		

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

Balzarini et al., "Potent and Selective Anti-HTLV-III/LAV Activity of 2',3'-Dideoxycytidinene, the 2',3'-Unsaturated Derivative of 2',3'-Dideoxycytidine", Biochemical and Biophysical Research Communications, 140(2), pp. 735-742 (1986) ("Balzarini").

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*[Signature]*  
Belleau et al., "Design And Activity Of A Novel Class Of Nucleoside Analogs Effective Against HIV-1", Fifth International Conference on AIDS, Montreal, Canada, Abstract T.C.O. 1 (1989) ("Belleau").

Carlisle et al., "Cellular Pharmacology Of The Anti-HIV Agent BCH-189 (2'Deoxy-3'-Thiacytidine) In Human Peripheral Blood Mononuclear Cells (PBMC)", American Association for Cancer Research Proceedings, 31, abstract 2435, (1990) ("Carlisle").

Gosselin et al., "Systematic Synthesis And Biological Evaluation Of  $\alpha$ - and  $\beta$ -D-Lyxofuranosyl Nucleotides Of The Five naturally Occurring Nucleic Acid Bases", J. Med. Chem., 30, pp. 1270-1278 (1987) ("Gosselin").

Herdewijn et al., "3'-Substituted 2',3'-Dideoxynucleoside Analogues as Potential as Potential anti-HIV (HTLV-III/LAV) Agents", J. Med. Chem., 30, pp. 1270-1278 (1987) ("Herdewijn").

Lin et al., "Synthesis and Antiviral Activity of Various 3'-Azido, 3'-Amino, 2',3'-Unsaturated, and 2',3'-Dideoxy Analogues of Pyrimidine Deoxyribonucleosides against Retroviruses", J. Med. Chem., 30, pp. 440-444 (1987) ("Lin").

Mitsuya et al., "3'-Azido-3'-Deoxythymidine (BW A509U): An Antiviral Agent that Inhibits the Infectivity and Cytopathic Effect of Human T-Lymphotropic Virus Type III/Lymphadenopathy-Associated Virus in vitro", Proc. Natl. Acad. Sci. USA, 82, pp. 7096-7100 (1986) ("Mitsuya-1").

Mitsuya et al. "Inhibition of the in vitro Infectivity and Cytopathic Effect of Human T-Lymphotropic Virus Type III/Lymphadenopathy-Associated Virus (HTLV-III/LAV) by 2', 3'-Dideoxynucleosides", Proc. Natl. Acad. Sci. USA, 83, pp. 1911-1915 (1986) ("Mitsuya-2").

*[Signature]*  
Wainberg et al., "Anti-HIV Activity, Toxicity And Pharmacokinetics Of Totally Novel Nucleoside Analogs," Fifth International Conference on AIDS, Montreal, Canada, Abstract M.C.P. 63, p. 552, (1989) ("Wainberg-1").

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 Wainberg et al., "Characterization Of AZT-Resistant Isolates Of HIV-1: Susceptibility To Deoxythiacytidine And Other Nucleosides", Sixth International Conference on AIDS, San Francisco, California, Volume 3, Abstract S.B.87, p. 117 (1990) ("Wainberg-2").

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Docket No. IAF-14

Applicant Bates et al.

Serial No. 07/835964 Filed February 20, 1992

Receipt is hereby acknowledged of the  
Statement Under 37 C.F.R. § 1.56 And § 1.97; PTO Form  
1449; and copies of cited documents.

Dated September 18, 1992



Filed in connection with the above case.

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